

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROFILING  
AN EXECUTABLE HARDWARE MODEL USING CALLS TO PROFILING  
FUNCTIONS**

**ABSTRACT**

A system, method and article of manufacture are provided for profiling an executable hardware model selecting a plurality of profiling functions of a profiling process. An application having application functions targeted for implementation in reconfigurable logic is preprocessed for inserting calls to the profiling functions. The application is  
5 executed. A profile is generated based on the profiling functions called during execution of the application.